CQWW CW Contest DXpeditions

▪ **YW5N** is a multi-single effort from Venezuela, by WS4E, WM2C, and K3UOL.

▪ **Faroes OY** should be well-represented in the 'test, with **OY1CT** in a single-op, all-band effort, and **OY9JD** on 160 meters. OY7ML, OY2L, OY3QN, and OY2VO are also expected on sometime during the weekend.

▪ **P40I**: Jorma OH2KI says he'll be about 33 kHz up, plus 1827, 3512, and 7012 kHz. He'll change bands at 10 minutes before the hour; i.e. 1827 khz at 0450Z. QSL home address: Karhutie 39, 00800 Helsinki, Finland.

▪ **P40J** joins P40W and P40I from Aruba in the single-op, all-band category; QSL WX4G.

▪ **VE2LID** (No kidding! That's really the call!) will operate multi-single from Zone 2, with Claude VE2EAK and Gil VE2UJ/EOH at the key. QSL via Jean Marie Ouellet VE2DCK, 621 St. Jacques North, Causapscal, Quebec G0J 1J0, Canada.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

▪ **PJ9?**: OH1VR will operate single-band 40 meters from the PJ9W site in the Netherland Antilles. QSL via his home call. QSL his **OG1M** CQWW SSB operation via the same route.

▪ **TU4SR** will be a 20-meter single-band entry by OH8SR.

▪ plus: **GJ/K2WR, BV/K1RX, XE2/K9SO, ZF2TG** (WQ5W), **JW9XG** (LA9XG), and **GB5CW** from England, with G0MFO and G3SZA operating.

▪ Finally, the **KC6VV** and **KC6SS** operations have been canceled for this contest; look for them in February.

ARRL 10-Meter Contest Dec. 12-13

▪ **VS6WO** will be a multi-op entry, with Dave WX3N and Mark AG9A helping. QSL K9EC.

▪ **ZF2RC** will be operated by Howard Phillips N6DEC, Dec. 9-16. He'll operate SSTV outside the test. QSL home address: P. O. Box 5121, Anaheim CA 92814-5121.

DXpedition News

Baker, Howland Islands - KH1 Mike McGirr K9AJ leads a multi-national crew to Howland Island for a one-week operation, beginning about Jan. 26. Operators include W0RLX F6EXV W9IXX K4UEE G4LJF W0CP K0EU PA3DUU & ON6TT. They'll put special emphasis on working Europeans, as KH1 was #2 in *The DX Magazine*'s 1992 Most Wanted survey in Europe. The group actively seeks contributions toward the high cost of the trip. (Operators have already committed $6,000 each; won't you assist?) Donations should be sent to Burt Myers W0RLX, KH1 Fund, 5080 East Quincy Ave., Englewood CO 80110.

Desecheo - KP5 The generator and other supplies are on the way to Puerto Rico now for the Dec. 28th start of the operation. Five stations will be active. QSL all /**KP5** calls to Randy Rowe N0TG, P. O. Box 891, Desoto TX 75123.

Shortly Noted

▪ **TU4SR** is back in the Ivory Coast until Dec. 21, with Mark Nyyssonen OH8SR looking to add to his total of 25,000 mostly CW QSOs from the Ivory Coast. Try 14025 kHz at 0200Z+, 24895 at 1345Z, and 28485± at 14-1600Z. QSL home call. (DXNS.)

▪ **9V**: Dave WX3N and Mark AG9A will try to operate from here Dec. 7-10, between their Maldive 8Q operation (see Issue 663) and their VS6WO 10-meter contest effort.

▪ **S92SS** is Charles Lewis ex-A22AA; QSL direct with SAE and an IRC or US$1 to C. Postal 522, São Tomé DRSTP, West Africa (Via Portugal).

▪ **VP2MT** is back on Montserrat to Dec. 10; try 14025 kHz.

▪ **SSB Nets:** check-ins: **14227**: (11,22Z) 7P8FE VP8CKC VP8CKB VP8CFM 1Z9B UI8ZAA TU4EC ZD7CRC V85SS; **14256:** (2330Z) VP8CFM JX3EX FR5AI/G TR8JH VP8CKB VP8CKC 6W2QF/1 D44AC JT1CS; **21335**: (14Z) T5BLU 5X5MB 3A2LU; **21345**: (18Z) A22EX Z21JE VP5JM; **21355:** (18Z) 7P8FE.

▪ **RTTY**: **ES7QF** is the wife of ES7FQ; try 14084 kHz at 1200Z. Regulars: **3B8CF** 14085 0300Z; **BY1QH** 14086± 0000Z. Spots: **3C1EA** 14081 0720Z; **TL8NG** 21083 1710Z; **5U7M** 28080 1220Z; **JX7DFA** 14086 1330Z; **CN8NP** 14088 2105Z; **V73CT** 14083 1215Z.

▪ **Islands On The Air**: Art Phillips NN7A and Mike Sharp NG7S will operate CW-only as **V31JZ** and **V31RL** respectively from Southwater Cay in the Belize Caribbean Sea Coast South group, a New One for IOTA, Feb. 22-24. **E28DX** is a special Thailand call from Kho Samui Island, in the Malay Peninsula North East group, another New One for IOTA, Dec. 10-12. Try 14030, 21030, and 28030 kHz on CW, and 14195, 21200, and 28480 kHz on SSB. QSL to Viroj J. HS1HSJ, Box 89, Bangkok 10220, Thailand. Donations would be greatly appreciated.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before			55 Days Before			
November 1992		Date	Flux	A K	Date	Flux	A	K
27	High Normal	10/31	150	10/14 2	10/03	120	05/08	2
28	High Normal	11/01	147	14/14 2	10/04	126	06/06	1
29	Low Normal	11/02	141	21/20 2	10/05	130	03/05	1
30	Low Normal	11/03	135	17/20 2	10/06	137	07/08	1
December 1992								
1	Low Normal	11/04	143	16/27 2	10/07	136	10/11	1
2	High Normal	11/05	136	12/13 2	10/08	126	07/09	2
3	High Normal	11/06	133	12/12 2	10/09	121	17/21	3
4	Above Normal	11/07	135	11/09 1	10/10	113	09/09	1
5	Above Normal	11/08	132	10/09 2	10/11	111	14/16	3
6	Disturbed	11/09	132	24/42 3	10/12	107	32/40	2
7	High Normal	11/10	136	11/11 2	10/13	109	15/13	4
8	Low Normal	11/11	135	21/21 2	10/14	106	16/16	3
9	High Normal	11/12	125	12/13 2	10/15	98	26/31	3
10	High Normal	11/13	126	14/08 2	10/16	101	22/21	1
11	High Normal	11/14	127	08/13 2	10/17	107	12/15	2
12	High Normal	11/15	137	11/07 3	10/18	112	10/09	3
13	Above Normal	11/16	152	08/06 2	10/19	125	08/11	2

Propagation Watch: Spotlight on 10 Meters

We'll depart from our usual format this week to focus on 10 meters. Since the ARRL 10-Meter contest comes up soon, and the band is fading quickly as sunspots decline, this is a good opportunity to review how to get the most out of this exciting band, on a good day.

10 meters opens to the east beginning a hour or so after local sunrise. Shortening openings on lower bands (15, 12 meters) are excellent indicators of a 10-meter opening soon in that direction. Note that 10-meter CW is significantly lower in frequency than 10-meter SSB. Increasing signal strengths on 10-meter CW signals suggest a SSB opening soon.

10-meter signals exhibit a terminator effect: signal strengths increase dramatically at local sunset, as the D layer of the ionosphere dissipates. Thus a good way to pick up longer-haul DX on 10 meters is to determine when the sun sets at the far end of the path. As the terminator sweeps west, African and southern European stations are readily workable.

10 remains open to some direction until about an hour after local sunset. Maximum signal strengths are in mid-afternoon, local time, to the south, west, and southwest. The terminator works from your home station as well: try 10 meters right at local sunset, looking west and southwest.

The Regulars column on page 4, and the 10-meter Bandpass reports, report common callsigns on 10. Many of these can be used as beacons. XQØYAF, C9RJJ, 7P8SR, and others are active almost daily, and show when the band is open to their part of the world.

While 10 meters seems dead beginning soon after local sunset, the observant DXer can find some excellent DX long after sunset. For example, C9RJJ is regularly worked 2-3 hours after his local sunset. This path is mostly north-south, but competition is minimal on these openings. You might even pick up some long-path contacts, at an hour or so after sunrise on the far end of the path. (0400Z in southern Africa, for example.) Good hunting!

1993 Callbooks

Duane Heise AA6EE is offering discount prices on the 1993 Callbooks (Flying Horse). Either edition (North American or International) is $25.75, or both for $49.75. Four or more: $24.50 each. 1993 ARRL Handbooks, $23.75 each. ARRL Antenna Books, $18.75 each. Postpaid in the US and possessions. If shipment via UPS is desired (lower 48 states), add $1.00 per book. Foreign orders: add US $3.00 per book for surface mail. California residents: add 7% tax. Shipments start Nov. 27. Send check to Duane at 16832 Whirlwind, Ramona, CA 92065-9679. (Callbook retail price is $29.95 each).

QSLs Received

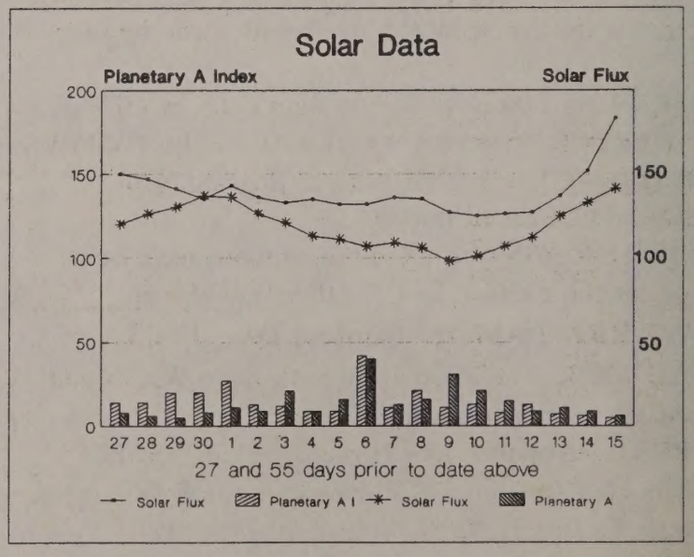
- From managers: **XYØRR** (Box 766, Brooklyn NY 11230); **ZYØRW** (ZL1AMO); **D2/KC7QU** (K8JP); **D2ACA** (Bulgarian address, 1.5 years); **1SØRR** (W8BLA, 13 months); **USØUT** (21 months); **7Q7XX** (JH3RRA); **HFØPOL** (SP9DWT); **ZK1RS** (ZL4DO); **5Z4FO** (KB4EKY); **VK9WW** (VK9NS); **S2/HA5BUS** (HA5XA); **SU1HV** (ISØLYN); **HC8A** (WV7Y); **C9RJJ** (W8GIO); **VQ9AC** (WN8O); **D2FGC** (OK1AJN); **C31SD** (CT1AMK); **T2ØVJ** (G4ZVJ); **F6BLQ/D2** (F6ELE).
- Direct: **YU3KH** (3 WKS); **ZS9A** (3 WKS); **9A3ST** (3 WKS); **9V1YC** (1 MO); **Z21HS** (2 MOS); **W5ZPA/C6A** (3 WKS).
- Bureau: **A51JS** (VK9NS, 2.5 YRS); **JT1KAI** (2.5 YRS).

Operations Accredited for DXCC

DXCC Specialist Bill Kennamer K5FUV says the following operations have been accepted for DXCC credit: 7Q7CW C9RAA D2/F6BLQ D2CW D2FGC ET3BC/YL JT1/K7HDK KP5/NØTG PYØTSN S21ZC S79CW TA/DK7PE AHØG/TF/P TU4EF VS6/DK7PE ZB2/IKØFVC ZS9/DK9PE. Cards for these operations may be submitted for DXCC credit.

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KT7H, SESC, AB4PW, AB8K, G3NOM, K1HDO, K2AJY, K2PEQ, K4BAI, K4GLU, K4II, K4IQJ, K4LNA, K5FUV, K6LEB, K7EFB, K7EX, K7UOT, K8CV, K8JLF, K8OQL, K9AJ, K9AU, KA1MUY, KA7T, KD7SO, KG4O, KG6I, KØJN, KM9J, KN4FY, KQ3S, N2EJQ, N2GLH, N4XLF, N4YKD, N6DEC, N9LAG, NØABA, NØAFW, NN7A, NØTG, OH1VR, OH2KI, OY1CT, VE1RJ, VE1YX, VE2UJ, W1BFT, W1FV, W1KNT, W1NH, W2WW, W4PSJ, W6AJJ, W6UQF, W8CT, W9DH, W9HAO, W9RXJ, WA2VKS, WA4NST, WA9AQE, WB8ZRL, WØJRN, WO6R, WØRXL, WU6T, WV5S, WX3N, and WX4G. Thanks a lot! -chod.



B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5
6	7	8	9	10	11	12

RTTY

3B8CF	14086	0313	19	PA
5U7M	28080	1336	15	FL
9L1JI	21089	1854	11	MN
BY1QH	14088	0000	18	FL
D2EL	21086	2247	14	FL
ES7FQ	14084	1210	15	FL
ES7QF	14084	1226	21	FL
HKØDPA	21088	2300	17	FL
TL8NG	14083	2140	14	FL
TR8YA	21090	1912	19	FL
V73CT	14085	1219	19	FL
ZD8LII	28081	1540	14	OH

160 Meters

9M2AX	1832	1419	14	CA
9V1ZE	1824	1440	15	CA
V85AA	1832	1415	14	CA
VP8GAV	1833	0414	19	ID

80 Meters

5Z4TT	3502	2154	15	MA
6W6JX	3503	2126	8	MA
9M2AX	3505	2245	9	NH
C31LL	3502	2330	10	NH
HL9HH	3501	1057	14	NH
HZ1AB	3502	2210	16	NH
JA1JRK	3503	1050	14	NH
JA2EPW *	3502	2131	15	MA
JW5NM	3506	1100	10	NH
SV9BAI	3506	0117	12	NH
UAØXAO	3502	1226	8	AL
UA2FX	3504	0055	21	FL
VK6HD	3507	1110	16	NH
Z21HS	3505	0330	17	IA

75 Meters

D2EL	3794	0436	16	AZ
D44BC	3787	0630	15	IL
HFØPOL	3791	0708	7	CA
HH2PK	3795	1120	18	IL
JF1IST *	3799	2145	8	MA
KG4CB	3795	2358	14	MA
PYØFNT	3790	0432	18	MO
UAØFF	3796	0705	15	IL
UZØCWW *	3797	2141	14	MA
VK6LK *	3798	2125	8	MA

40 Meters

3B8CF	7004	0205	17	IA
3XØHNU	7012	0747	11	WI
9M6/ JA9AG	7004	1450	14	CA
9V1YS	7004	1443	19	ID
C9RJJ	7003	0230	12	SC
HJØVGJ	7007	0205	11	FL
JWØC	7017	0437	19	ID
JY4ØCI	7044	2036	13	NS
OD5/ SP7LSE	7003	0045	18	GA
OX3FV	7004	1207	15	FL
OY1CT	7005	0235	12	SC
UJ8JI	7003	0140	17	IA
UJ8JI *	7003	1458	18	ID
V73CT	7022	1211	15	MA
VR2/WX3N	7004	1209	10	AL
YN/ SMØOIG	7003	0119	10	FL
Z21HS	7005	0237	13	SC

30 Meters

3B8CF	10106	0240	15	CA
7P8SR	10105	0210	13	SC
JT9AA	10104	2313	16	PA
OD5/ SP7LSE	10110	2244	13	NY
TJ1GG	10101	2020	16	PA
TU4SR	10105	2238	13	NY
UAØXAL	10102	0303	17	PA
VP8GAV	10103	2313	17	PA
VQ9AC	10109	2118	13	NY
VQ9QM	10104	1209	19	FL
ZA1J	10105	2132	21	FL
ZD8LII	10106	2253	16	FL

20 Meter CW

3YØII	14004	2300	14	GA
4K1YAR	14022	0018	12	NH
4K2MAL	14016	1421	13	IK
4S7EA	14016	2317	15	MI
4S7WP	14031	0120	17	ID
5Z4TT	14007	1846	18	ID
A41JX	14010	0242	20	FL
C9RJJ	14013	1955	19	FL
FR5GG	14020	1445	18	CA
FR5GL	14030	0235	18	CA
HFØPOL	14014	0025	17	GA
HSØZAA	14027	0100	18	FL
JT1CS	14027	0324	17	UT
JU83ØC	14033	0140	10	FL
JX7DFA	14001	0126	21	FL
KC4/ W1GWN	14011	0254	16	WI
RE5ØØA	14014	1443	18	ID
S21A	14005	0050	18	GA
S92SS	14012	2103	14	FL
TL8GR	14020	2121	10	NH
TU4SR	14025	0210	19	GA
UA8TAA	14028	0135	14	MI
UI8AA	14021	0251	18	FL
UJ8JA	14014	0303	20	FL
UJ8JA	14007	1238	11	AL
UM8MY	14012	0254	18	FL
VQ9AC	14010	2316	13	FL
VU2NI	14010	1635	9	NH
YB3OSE	14008	1400	16	MI

20 Meter SSB

7X2DG	14191	1920	14	GA
9K2JC	14220	1515	18	CA
A22EX	14196	1525	11	CA
AP2LA	14184	0216	19	ID
FR5DX	14190	0207	17	ID
HS1HSJ	14189	1847	16	ID
JY4DP	14214	1545	18	CA
KC4AAA	14230	0340	15	CA
PYØFF	14195	0200	15	GA
PYØTSN	14184	0145	15	CA
TT8OBO	14195	2115	14	GA
TU4SR	14180	2140	16	ID
TZ6VV	14256	1710	18	ID
V51GB	14222	0600	11	KS
VP8CGK	14227	0310	13	CO
VP8CKC	14226	0140	17	WA

17 Meter CW

3XØHNU	18082	1701	12	NH
C31LL	18073	1600	16	ID
JD1/ JK1ABP	18072	0253	16	OR
	Minami Torishima			
OD5/ SP7LSE	18077	1209	14	VA
UAØXAO	18084	2334	15	VA
UC2AAA	18074	1446	16	ID

17 Meter SSB

D2EL	18133	1810	14	MA
PYØTSN	18140	2205	11	NS
TT8OBO	18120	1949	14	NS

15 Meter CW

3B8FQ	21008	1945	15	GA
3XØFNU	21023	1527	15	SC
5NØZKJ	21016	1627	12	IK
6W6JX	21019	2215	19	FL
9X5HG	21018	2046	13	NH
HJØVGJ	21026	1910	14	GA
HKØER	21021	1958	15	NH
JX7DFA	21005	1624	7	CA
KH9/AD6E	21026	2156	19	FL
OD5PL	21022	1454	14	FL
OX3FV	21030	1709	12	NY
P29KH	21031	2205	14	GA
PYØTSN	21016	2330	17	GA
RE5ØØA	21008	1301	17	VA
TR8YA	21030	1940	15	GA
VR2/WX3N	21025	2359	15	GA
ZC4CW	21013	1503	11	NH

15 Meter SSB

A22MN	21244	2105	12	MN
A35KB	21260	0041	13	NS
CN2AQ	21238	1630	14	GA
HZ1AB	21237	1405	12	IA
OY2VO	21250	1545	19	NY
UAØXAK	21254	2308	15	NY
UI8ZAA	21348	1320	15	NJ
V51JM	21365	1936	15	NY
YB3OSE	21228	0004	11	OR

12 Meter CW

4LØFWW	24901	1339	17	VA
5T5CJ	24900	1406	21	FL
7P8FE	24894	1711	15	WI
9K2RC	24905	1328	8	AL
OD5/ SP7LSE	24893	1345	10	NH
TU4SR	24895	1348	15	AL
VQ9RB	24903	1348	19	FL

12 Meter SSB

3XØHNU	24943	1740	12	MN
OD5/ SP7LSE	24955	1200	15	NJ
SU1AL	24953	1305	13	NS
TT8OBO	24935	1508	14	NS

10 Meter CW

5NØZKJ	28027	1512	14	GA
7Q7CM	28022	1432	14	GA
7Q7RM	28027	1731	12	MA
7Q7XX	28012	1657	12	MA
C9RJJ	28006	1247	8	AL
FR5DD	28027	1450	20	FL
OD5PL	28012	1419	14	GA
TA1A	28023	1316	14	GA
TU2CI	28015	1243	15	FL
UAØXAO	28023	2253	17	FL
XQØYAF	28010	1759	10	NC
YN/ SMØOIG	28006	1414	14	GA
Z21HS	28018	1428	14	GA

10 Meter SSB

3B8FG	28495	1408	11	VA
4U1UN	28491	1336	14	ME
7X2DG	28514	1446	13	CO
9M6/ JA9AG	28425	0059	16	OR
A92BE	28445	1435	16	IA
C9RJJ	28480	1304	11	VA
CN8ST	28520	1700	17	CA
D2EL	28485	1239	14	ME
EA9KB	28480	1635	14	CA
FH/J28YC	28515	1640	16	IA
FR5AI/G	28545	1258	8	MA
HV3SJ	28494	1420	15	IA
J28FO	28535	1439	11	NJ
JY4ØCH	28531	1353	11	VA
KG4CB	28434	1550	11	CA
P29DX	28478	2238	13	ME
PYØTSN	28489	1301	11	NJ
T3ØJH	28495	2055	11	CA
TA1ZA	28500	1510	14	IA
TL8NG	28480	1635	14	CA
TT8OBO	28495	1406	14	ME
TU2CI	28575	1700	15	CA
TU4SR	28485	1530	15	ME
TZ6VV	28542	1330	14	IA
UC1AWZ	28414	1432	14	ME
V51GB	28505	1550	15	GA
V73JT	28460	2144	14	ME
VO2GD	28493	1920	15	CA
YB3OSE	28450	2330	14	WI
YJ8RN	28487	2157	14	ME
Z21BA	28468	1909	14	ME
ZB2AZ	28474	1213	11	VA
ZD8GW	28493	1840	12	MN

Issue 665 - November 27, 1992

Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
American Samoa	**KH8/**	**JA3s**	**Nov. 29-Dec. 2**	**I664**
Antarctica	DL1KVC/P		14246 17-1900Z	I664
Antigua	V2/	VE3BW	Jan. 1-29	I664
Aruba	**P4**	**P4ØW**	**Nov. 23-Dec. 1**	**I664**
Baker, Howland	KH1	/K9AJ	Jan. 26+	I664
Bangladesh	S2	S21A	14025± kHz 2200Z	I661
Barbados	**8P**	**8P9HT/Z**	**Nov. 24-Dec. 1**	**I661**
Burkino Faso	XT	XT2BW	14211 kHz 21Z Sun.	
Cayman Islands	**ZF**	**ZF2RC**	**Dec. 9-16**	**I665**
Chad	**TT**	**TT8OBO**	**Nov. 10-31**	**I662**
China	**BY**	**BY1BJ**	**CQWW CW**	**I657**
Crozet	**FT**	**FT4WD**	**soon**	**I664**
Dodecanese	**SV5**	**SV5TS**	**Nov. 20-30**	**I662**
Eastern Kiribati	**T32**	**T32VU**	**Nov. 23+**	**I662**
		T32BI	**Nov. 25-29**	**I662**
		T32BE	**Nov. 25-Dec. 5**	**I664**
Fiji	**3D**	**3D2s XO IO QD**	**Dec. 2-4**	**I661**
Gambia	**C56/**	**Fs**	**Nov. 15-29**	**I663**
Glorioso	**FR/G**	**FR5AI/G**	**Oct. 15-Nov.30**	**I659**
Grenada	**J3**	**J37H**	**CQWW CW**	**I664**
Hong Kong	**VR2/**	**WX3N**	**to Nov. 30**	**I663**
		F6FYA	**Nov. 20-28**	**I663**
Isle of Man	**GD**	**GD4UOL**	**Nov. 20-Dec. 5**	**I661**
Ivory Coast	**TU**	**TU4SR**	**to Dec. 21**	**I665**
Jordan	**JY**	**JY8VJ**	**Nov. 21-Dec. 6**	**I662**
Maldives	**8Q**	**8Q?**	**Nov. 30-Dec. 7**	**I663**
Marianas	**KHØ**	**JAs**	**late Nov.**	**I664**
Martinique	**FM**	**FM2GO**	**Nov. 22-Dec. 7**	**I664**
Midway Island	**KH4**	**KD7P/**	**late Nov.**	**I663**
Minami Torishima		JA9IPX/JD1	to Jan. 14	I659
New Caledonia	FK/	Ys	December	I661
Niue	**ZK2**	**XI XJ**	**Dec. 2-9**	**I664**
Puerto Rico	**KP4**	**WJ2O/**	**Nov. 18-Dec. 2**	**I661**
Rwanda	**9X**	**9X5AB**	**now active**	**I662**
St. Martin	**FS**	**FS/AI7B**	**CQWW CW**	**I657**
São Tomé	**S9**	**S92SS**	**now active**	**I665**
Seychelles	**S7**	**S79S**	**Nov. 24+**	**I663**
Singapore	9V	9V1XE	to Dec. 31	I659
		9V1YU	15M 15-1700Z	I661
		9V?	**Dec. 7-10**	**I665**
Solomon Islands	**H44**	**XO IO**	**Nov. 23-Dec. 1**	**I661**
South Georgia	VP8	VP8CGK	14050 kHz 18Z	I661
Trindade	**PYØ**	**PTØTSN**	**to Dec. 5**	**I660**
Turks & Caicos	**VP5/**	**WB8GEX**	**Nov. 21-28**	**I662**
Uganda	5X	5X5WR	**Dec. 2-10**	**I664**
Wake Island	**KH9**	**AD6E/**	**Now**	**I664**
Wallis Island	**FW**	**FW/Ys**	**Dec. 5-15**	**I661**

Operating Events and DX Gatherings

Dates	Event	Reference:
Nov. 28-29	CQWW CW Contest	CQ
Dec. 4-6	ARRL 160-Meter Contest	QST
Dec. 6	Finland Independence	I663
Dec. 12-13	ARRL 10-Meter Contest	QST
Dec. 13	TARA RTTY Sprint	I666
Jan. 2-3, 1993	ARRL RTTY Roundup	QST

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Albania	ZA1J	10103	1930Z
Algeria	7X2DG	28500±	1445Z
Angola	D2EL	28485	1300Z
Angola	D2EL	3792±	0430Z
Angola	D2EL	18140±	1800Z
Antarctica	4K1YAR	14021	00-0200Z
Bangladesh	S21A	20M CW	2345-02Z
Crete	SV9BAI	3506	0100Z
Easter Island	XQØYAF	28010	1800Z
Gabon	TR8YA	21035±	1945Z
Lebanon	OD5/SP7LSE	24895±	1345Z
Lebanon	OD5/SP1MHV	7005±	2230Z+
Lebanon	OD5PL	10M CW	1400Z
Lebanon	OD5/SP7LSE	10108±	2245Z+
Lesotho	7P8SR	14029	0145Z
Mongolia	JT1CS	14030	0330Z
Mongolia	JU83ØC	14030±	0145Z
Mozambique	C9RJJ	28007	1300Z
Mozambique	C9RJJ	28480±	13-1600Z
Mozambique	C9RJJ	7004	0230Z
Nicaragua	YN/SMØOIG	10M CW	1400Z
Nigeria	5NØZKJ	10M CW	1500Z
Nigeria	5NØZKJ	14014	2130Z
Reunion Island	FR5DX	14199	0200Z
San Andrés Island	HJØVGJ	21026	1900Z
San Andrés Island	HJØVGJ	7007	0200Z
Tajikistan	UJ8JI	14005	0230Z
Trindade	PYØTSN	28490	2100Z
Western Kiribati	T3ØJH	28495	2100Z
Zimbabwe	Z21HS	7005	0230Z
Zimbabwe	Z21HS	3503±	2200Z
Zone 29	VK6HD	3507	1110Z
Glorioso Island	FR5AI/G	28545	1300Z

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